

Cracklin' Static

February 2025 Edition



SIERRA NEVADA
Amateur Radio Society

**SNARS BREAKFAST
MEETING SET FOR
FEBRUARY 1, 2025**
See Page 3 for details!

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances

As of January 25, 2025

Operating	\$1845
Convention	\$4061
Self Insurance	\$17014
Savings	\$4116
PayPal	\$1387
Total	\$28424

Net Income / Year	\$364
Net Income / Month	\$365
Memberships	19

Donations	
PayPal Giving	\$0
Members	\$310
Total	\$310

Notes:

1. Transferred \$1,000 from PayPal to Operations

SNARS Membership as of January 26 2025

Total	399	
Extra	139	35%
Technician	130	33%
General	111	28%
Advanced	13	3%
No License	6	2%

SNARS members ARRL:	250	63%
Life members ARRL:	37	9%

SNARS ARRL Members 287 72%

Volunteer Examiners (VE's): 47 12%

PRESIDENT'S VOICE

SNARS PRESIDENT BARRY BETTMAN, K6ST



73, K6ST Barry k6st@arrrl.net

Hi Everyone,

Welcome to winter, or maybe I should say spring in the middle of winter. Some days there is good weather for working on antennas outdoors, and other times staying indoors to work stations on the air.

This month on Saturday February 1, 2025 we will have the SNARS meeting at our favorite Jacks Coffee Shop #2 605 N Wells Ave, Reno and hybrid on zoom. 7AM Breakfast, 8AM Presentation "Geochron Time Systems with Patrick KJ7ZSU, Head Wrangler at Geochron" followed by the monthly SNARS meeting. Please register.

<https://snars.org/monthly-meeting/>

SNARS In-Person/Zoom Meeting

Jack's Coffee Shop #2

Saturday, February 1st

REGISTER NOW!

Click for more info

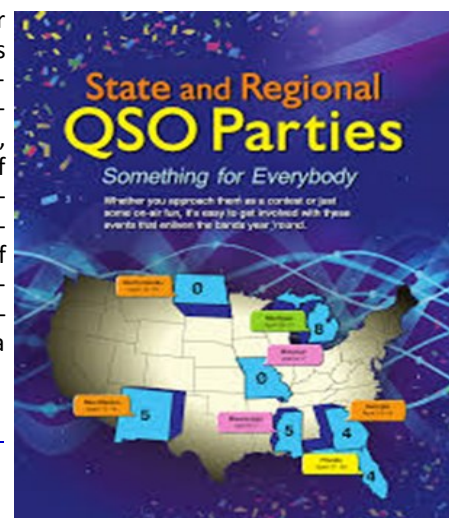


Next month March 28th-30th SNARS is planning to have our pavilion at the Reno Off Road Expo for 3 days Friday, Saturday, Sunday; plus setup on Tuesday and teardown after the event on Sunday. We have been doing this expo in conjunction with Washoe ARES for several years. It is really fun and you meet many interested people in ham radio. By the way, this Expo is put on by Lockett Shows, and Al Lockett is a ham radio operator too!

QSO Parties: Did you know there are many QSO Parties per year? A QSO party is a type of amateur radio contest where participants try to make as many radio contacts ("QSOs") as possible with other stations within a specific geographic region, often focused on a single state or group of states, during a designated time period, with the goal of accumulating points based on the number of contacts and sometimes additional factors like counties worked; considered a more relaxed form of contesting, often good for newer operators to participate in. If you want to have some fun making qso's consider partaking a QSO Party. Here's a full list:

<https://www.contestcalendar.com/stateparties.html>

including the **Nevada QSO Party** in October.



Enjoy your ham radio experience. Please feel free to let me know how **SNARS** can be of help to you.

73, K6ST Barry
SNARS President
k6st@arrrl.net



PO BOX 7727 Reno NV 89510

Yearly Dues: \$40.00 Individual • \$50.00 Family

2025 Officers

President..... Barry Bettman, K6ST
Vice-President..... Krystal Nelson AJ6GC
Treasurer..... Doug Edmondo, W7DBE
Secretary..... Anthony Marcin, W7XM
Director John Byerly, N7ROJ
Director Jim Shepherd, W6US
Director Greg Krantz NT7Q

2025 Staff

Cracklin Static	Howie Holden, WB2AWQ
W7TA Trustee	Peter DeBay, KE7VSR
KR7ENO Trustee	Howie Holden, WB2AWQ
Control Operator	Pat Sheehan, W7DED
Youth Involvement	Barry Bettman K6ST
NVQSO Coordinator	Jim Shepherd, W6US
Historian	Robin Maguire-Jones KF7VVE
Tech Team Lead	Pat Sheehan, W7DED
Membership	Kim Farnham, KG7TMA
PIO	Vacant
VE Coordinator	Krystal Nelson, AJ6GC
Meeting Greeter	Bill Jones, AE7OX
DMR Net Manager	Anthony Marcin, W7XM
Reno Ham Swap	Wes Vick, KG7QXE
Webmaster	Erik Andreasen, K6CZH
Club Sales Manager	Vacant
Recording Secretary	Doug Edmondo, W7DBE
Equipment Manager	Tyler Maggert, K7TDM

Cracklin Static Publication

Editor: Howie Holden WB2AWQ - holden7471@msn.com
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Not Linked
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks (coming soon)	Online

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610—DGID 28	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Not Linked
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Offline

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online

■ Online
 ■ Offline
 ■ Not Linked

Visit <https://snars.org/repeaters/analog> for additional updates/status on repeaters.

SNARS In-Person and Virtual Monthly Meeting

**SNARS Monthly Meeting
(hybrid in-person & virtual Zoom)
Saturday, February 1, 2025 at Jack's Café #2,
605 N. Wells Ave, Reno NV. Breakfast
In-Person 7 AM (breakfast), SNARS Meeting
at 8 AM both Zoom and in-person**

PRESENTATION:

**"Geochron digital & mechanical world clocks" with
Patrick KJ7ZSU, Head
Wrangler at Geochron**



MEETING NOTICE!

SNARS In-Person/Zoom Meeting

Jack's Coffee Shop #2

Saturday, February 1st

REGISTER NOW!

Click for more info



To join in person or via Zoom, register here:

<https://snars.org/monthly-meeting/>



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
147.150 + PL123.0 – Lake Tahoe / Truckee
147.210 + PL 100.0 - Reno
444.875 + PL 100.0 - Yerington
146.925 - 123.0 – Lovelock / Fallon
146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

SNARS Noon Net	Mon—Fri @ 12:00pm
ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday @ 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

Join us on SNARS Telegram Channel

Visit <https://snars.org/telegram/>



Telegram

a new era of messaging

Our official channel for members to communicate with each other via chat, ask questions and get the latest information about the club, repeater status and amateur



SNARS Weekly DMR Net

Tuesdays 8:00PM

SNARS Talk Group 31328

SNARS CALENDAR

SNARS Breakfast meeting (see page 3)

SNARS Board Meeting Wednesday, February 12, 6:00PM. Location and mode Chin Chin, Sparks, and on Zoom. Click on this link:

<https://snars.org/activities/meetings/>

The calendar is below the monthly meetings.

Feb 15, 2025 One Day Ham Review and License Exams. One Day Ham Review starts at 8 AM, License Exams start at approx. 12 Noon. REOC Training Center, 5190 Spectrum Blvd, Reno NV. See <https://snars.org/exams/> for details. You MUST register for the One Day Ham Review and for the exams SEPARATELY!

HAM RADIO ELMERING NIGHT on Zoom
7:00 PM Monday February 17, 2024 see <https://snars.org/hamradionight/>

Reno QRP Group Meeting Tuesday, February 18, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y WD7Y@sbcglobal.net for more info. If cancellation is needed, will be announced on the SNARS noon net.

Next months SNARS Breakfast Meeting, March 1, 7 AM (Zoom 8 AM). Location and media mode tentative, depending on Board decision.

WELCOME NEW MEMBERS

AS OF January 25, 2025

Lou	Raso	KE6YOC
Paul	Fremaeu	KB3HVZ
Robert	Wien	KG6RJW
Dudley	McFadden	KO6DRM
Daniel	Wolf	WV7D
Scott	Schiefelbein	K1SDS
Paulette	Ferrando	KK7WYZ

THE NAME OF THE GAME

Jim Shepherd W6US

ELMER ABILITIES

WHAT DO YOU WANT TO DO?

As I have been pointing out in this space, there is a whole lot more to ham radio than just checking into a net with “no traffic”. Most hams don’t know what they don’t know. There is a whole lot more than the stuff that was on the exams.

Radio electronics is one area that seems to be missing in this area. Not so long ago, to get on the air involve building from scratch, or modifying commercial or military surplus radios. Have you ever opened up the case of your radio and traced the RF path? How about reading a schematic to find where to access ‘flat audio’ to attach a TNC?

What is needed are experienced hams that can be Elmers to others. There are some members in the club that have experience in Radio electronics, Satellite operations, SOTA/POTA, Contesting, DXing, Antenna design, Solar power, Radio programming, Digital modes, CW, LoRa, Mobile radio installation, Weak signal operations, QRP, RFI control, Fox hunting, Moonbounce, Traffic handling, etc, etc.

We need to hear what you are interested in, what you want to learn, and what you want to participate in.

Please take some time and send us a list of things that you are interested in, would like to see more of from the club, and even things that maybe need to be reduced. What sort of activities would you like to participate in? Please send your thoughts and requests to w6us@gmail.com and I will compile a list for further discussion.

Additionally, I would like to find out who has various Elmer skills that we can use to get the best possible help for those needing help. Please complete this questionnaire and also return it to w6us@gmail.com
Thank you!

SURVEY ON NEXT PAGE

ELMER ABILITIES

Name _____ Call _____

Email _____ Phone (____) _____

Technical Knowledge:

HF wire antennas __ HF beams __ Coax __ Ladder Line __ Open wire transmission line __
HF grounding __ HF lightning protection __ HF RFI troubleshooting __ HF propagation __
HF operation-Voice __ -CW __ -RTTY __ -PSK __ -Other Digital __ -BBS __ -AMTOR/PACTOR __
HF DX operations __ HF Contest operations __ HF Net operations __ HF ragchewing __
HF linear use __ HF antenna tuners __

VHF+ wire antennas __ VHF yagi antennas __ VHF dishes __ VHF arrays __ VHF circular __
VHF grounding __ VHF lightning protection __ Assembling UHF connectors __ VHF coax __
VHF hardline __ VHF repeater usage __ CTCSS tones __ VHF FM communications __
VHF SSB operation __ VHF weak signal operations __ VHF digital modes __ APRS __
VHF contest operations __ VHF Mobile Operations __ VHF radio programming __
List radios that you can hand program: _____
Microwave operations __ Transverter use __ Moonbounce __
Computer interfaces with radios __ Computer programs for radio _____
Radio software _____

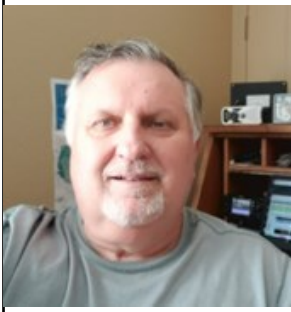
Skills:

Soldering- Large wire/item __ -Discreet components __ -Printed circuits __ Surface mount __
Antenna work- simple support structures __ -assembling antennas __ getting halyards over trees __
-erecting ground based antennas __ -erecting roof based antennas __ -CERTIFIED Tower climber __
-Ground crew for tower work __ -Tuning wire antennas __ - Tuning beams/yagis __
Sheet metal work __ Welder- gas __ -stick __ -TIG/MIG __ Machinist-lathe __ -mill __ -CNC __

Your Equipment: (to be used by you—not loaner)

Service Monitor model _____ Basic antenna analyzer model _____
Advanced antenna analyzer _____
Spectrum analyzer _____
Watt meter _____ SWR meter _____
TDR – HF _____ -VHF+ _____
Precision signal generator _____
Precision frequency meter _____
Tracking generator _____ Deviation meter _____
Large dummy load (kw or better) _____ Large attenuator _____
Precision volt meters-RF _____ -AC _____ -DC _____
TIMS _____ Oscilloscope _____
Radio programming software and cables list radios: _____

COPY AND PASTE THIS INTO A WORD DOCUMENT TO FILL OUT



HAPPY NEW YEAR FROM YOUR TREASURER DOUGLAS EDMONDO, W7DBE

As we enter the new year the club's finances are in excellent condition with ~\$27,931 in the bank. Our self-insurance fund for equipment is fully funded and our general savings account for operations continues to recover from the rebuilding of our repeater system. Of course, none of the club's success would be possible without you, our members. Your membership in the club **and your generous donations**, allow us to support the HAM radio community in Northern Nevada.

The club currently has 404 members and we processed over 253 memberships and renewals in 2024 for total revenue of over \$12,961 (As of 12/23).

The club was also blessed with \$2,972 from **your generosity**.

Major recurring expenses for the club include:

Storage: \$2,060

Software: \$1,144

Insurance: \$1,088

During 2024 the club sponsored various events including BBQ's, Field Day and a portion of our Holiday party. Those non-recurring expenses, which include raffle prizes, totaled approximately \$5,626 which was offset by revenues of approximately \$3,869. Our other major non-recurring expense for the year was \$1,288 for New Club Computers and Networking Equipment.

I want to personally thank all of our members for contributing to the success of our radio club.

Happy New Year

Douglas Edmondo, W7DBE SNARS Treasurer

W7RN DOWNSIZING

Tom K5RC from the W7RN Comstock Memorial Station in Virginia City Highlands wants to let the SNARS members know, that he has antennas, & other parts he is downsizing. You can look at <https://www.w7rn.com/w7rn-downsizing-2/> to see what he has. Please email Tom Taormina, K5RC tom@k5rc.com for more information.

FROM THE W7RN WEBSITE

Over the years, we have accumulated a great deal of materials that are now excess to our needs. There are other hams that can benefit from the aluminum, coax, cables, etc. Most of it is free for the taking with a few items that have a price tag. Perhaps a Club member with room to store this stuff can be the new home for others to pick through. In any event, I really need to get it off my property. More important is that deserving hams can build projects once too costly to build. Call for an appointment and schedule a moving party as a Club Activity. 775-847-2360



Brand New Green Heron
rotator controller
Can be configured for
most rotators
\$250.00

HDBX STYLE TOWER
\$50 PER SECTION



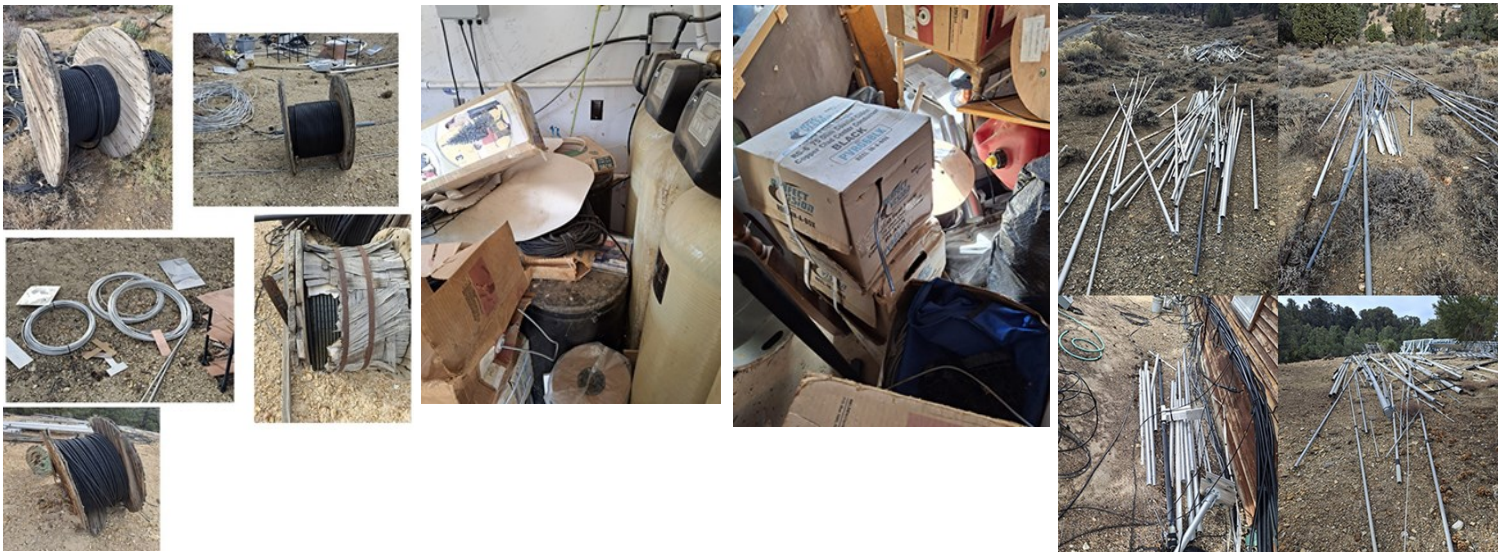
Longest Leg Measurement [ft in]	Across Flat [ft in]	Section Length [ft]	Number of sections [#]	Notes
1 3' 0"	2' 7"	8'		5 With Possible Top section
2 4' 0"	3' 6"	8'		5 With a mast and braces
3 3' 9"	3' 4"	8'		5 With possible top section
4 2' 8"	2' 3"	8'		4 with braces
5 2' 11"	2' 6"	8'		2 with a mast
6 2' 8"	2' 3"	8'		2 with braces

Tom Taormina, K5RC ARRL Life Member
DXCC Top of Honor Roll (374 Mixed)
CQ Contest Hall of Fame (#50)
FOC #1760
CWOPS #108

Comstock Memorial
Station, W7RN
www.w7rn.com

More pix of for sale/items free, too much to show all

NEXT PAGE



2M BEAM

6 M BEAM



440 BEAM



80 M 4 SQUARE
\$250.00



WORK PLATFORMS (2)
TRI-EX? US TOWER?
\$100 EACH



Still more pix on the W7RN website!

SNARS VOLUNTEERING

Thanks to all the SNARS members who help behind the scenes:

KG7TMA Kim, Membership Coordinator

K6CZH Erik, Webmaster

WB2AWQ Howie, Newsletter Editor

K7TDM Tyler, Loaner Program

KG7QXE Wes, Swap Meet

Appreciation goes out to all who gracefully support SNARS.

Please feel free to reach out to me to see how you might be of service to the club in 2025! With great appreciation,

K6ST Barry SNARS President k6st@arrl.net

73, Barry K6ST

President, Sierra Nevada Amateur Radio Society

www.snars.org

Nevada Section Youth Coordinator

ARRL (American Radio Relay League)

www.arrl.org

The national association for amateur radio



SHORT TAKES (By Jim Shepherd W6US)

Contest Calendar

The state QSO parties kick off for the year this weekend. Vermont, Minnesota and British Columbia are the first ones. On the weekend of the 23rd, the Carolinas will be on the air with the South on Saturday and the North on Sunday. The CQ WW RTTY contest will be February 8-9 and the ARRL DX CW contest will be the weekend of the 15th. These and other contest information can be found at <https://www.contestcalendar.com/contestcal.html>

DX

Lots of expeditions this month with the big catches will be in the warmer areas near the Equator and into the Southern Hemisphere. It seems that the big DX operations like to be on warm sunny beaches in places like Aruba, Christmas Island, and St Martin. More information can be found at <https://www.ng3k.com/Misc/adxo.html>

Third Monday ZOOM Ham Radio Night

We will have our popular Ham Radio Elmering Nights via ZOOM to

get your questions answered. It will be held at 7pm on Monday, 17 February. We really need to see more people join in the discussions, especially the new hams. More information, including the link will be published before that date.

Hamfests/events

Las Vegas-- On the first Saturday of every month, the local "HAMS" gather at the parking lot, the PETERSON CENTER 6455 Dean Martin Drive. The swap meet is a non-sponsored event. It is held rain or shine and on holidays. There is no charge to set up and sell at this gathering. Selling begins at sunrise and typically runs 2-3 hours, depending on the amount of items and buyers present.

There are a few hamfests down in Arizona, but the cooler weather has pretty much cancelled everything here in Nevada ... The Yuma Hamfest and Southwest Division Convention will be February 14-15th and for more info, <https://www.yumahamfest.com/>

NAME THAT RIG? (Answer on page 13)



YOUTH INVOLVEMENT



School Club Roundup

February Session: February 10-14, 2025

There are two School Club Roundups during each school year in October and February. Each 5-day event runs Monday through Friday from 1300 UTC Monday through 2359 UTC Friday, upcoming on February 10-14, 2025.

A station may operate no more than 6 hours in a 24-hour period, and a maximum of 24 hours of the 107 hour event.

All amateur bands except 60, 30, 17 and 12 meters are permitted. Repeaters are not to be used. Only recognized simplex frequencies may be used. U. S. A. examples include 144.90-145.00; 146.49, .55, 58; and 147.42, .45, .48, .51, .54 and .57 MHz. The national calling frequency, 146.52 MHz, may not be used. Similar restrictions apply in other countries.

Modes: **CW, Phone, RTTY/Digital**

Suggested HF Frequencies:

Phone (MHz): 1.855-1.865; 3.850-3.880; 7.225-7.255; 14.250-14.280; 21.300-21.330; 28.440-28.460

CW (MHz): 1.800-1.810; 3.530-3.540; 7.030-7.040; 14.030-14.040; 21.130-21.140; 28.130-28.140

Please consider helping a school/club get on the air or operate them to give a contact.

More Information:

<https://www.arrl.org/school-club-roundup>

Barry K6ST

President, Sierra Nevada Amateur Radio Society (www.snars.org)

Nevada Section Youth Coordinator

ARRL (American Radio Relay League) www.arrl.org

The national association for amateur radio

W7SSB's FUN PAGE

Don Sherman, W7SSB, has given up writing for Cracklin' Static. We thank Don for his tireless efforts in CS, and particularly for his efforts during Covid, when he selflessly put out a Homebound weekly edition of CS, hopefully to keep the masses entertained during Covid. Don wrote a monthly column for CS for at least 10 years! We will miss Don's writings, borne of many years in the hobby, with his very broad knowledge of things radio. BTW, Don is STILL employed with Chameleon Antennas, despite pushing 80, working 8 days a week. THANK YOU DON, for the years of service to hams around the globe. And, Don says thank you for comments over his column for many years.

As Don says, Stay tuned!

73,

Don Sherman, W7SSB donssherman@gmail.com



SNARS HAM RADIO ELMERING NIGHT



HAM RADIO ELMERING NIGHT

MONDAY FEBRUARY 17, AT 7:00 PM PST ON ZOOM

TOPIC BREAKOUT ROOMS

HF Operation, VHF/UHF Analog, DMR/Fusion/Dstar

REGISTER HERE:

https://us06web.zoom.us/meeting/register/tZ0ldO-orz8uHNDRXnL1Rl6LiMqJQ_E5opjG



ARES NEWS

EVENT CALENDAR



EVENTS FOR 2025	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
One Day Ham Review for Technician & General question pool exam.	2/15/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Get SCOUT'S ON THE AIR One Day Ham Review	2/22/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Reno Off-Road & Motorsports Expo	3/28/25	3/30/25	Washoe ARES	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	4/19/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Silver State 50/50 race	5/7/25		Silver State Striders	Steve KS6A	ks6a@sbcglobal.net
Stetina Paydirt	5/17/25		Bike Monkey	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Reno Tahoe Odyssey Relay Run	5/30/25	5/31/25	Sponsor by Reno Running Co.	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
America's Most Beautiful Bike Ride	6/1/25		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Pony Express Re-Ride	6/11/25	6/21/25	SIERA	Gerry Miller KJ7GEZ	hampspud35@gmail.com
Lost and Found Gravel Grinder SBTS	6/12/25	6/15/25		Larry Trotter KI6YUK	dltrotter@sbcglobal.net
NASTR 75/50/30 Horse Endurance	6/14/25		Nevada All-State Trail Riders, Inc	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	6/21/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Truckee Tahoe Gravel Race	6/28/25		Bike Monkey	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Alta Alpina Challenge	6/28/25		Alta Alpina Cycling Club	Jennie Hamiter, KE7YBA	jenniehamiter@mac.com
Death Ride	7/12/25		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Tahoe Rim Trail	7/19/25	7/20/25	Tahoe Mountain Milers	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Lost Sierra Endurance Race	7/25/25		Bad Luck Run Club	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Tahoe Rim Ride 50-Horse Endurance	7/26/25		Nevada All-State Trail Riders, Inc	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
TAHOE 200 Endurance Run	7/13/25	7/17/25	Destination Trail Run	Todd Voigts KJ6DGG	kj6dgg@gmail.com
Vegas to Reno Off Road Race	TBD	TBD	Best in the Desert Racing Assn	Keith KC7HTK	kc7htkeith@hotmail.com
One Day Ham Review for Technician & General question pool exam.	8/16/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Virginia City 100-Horse Endurance	9/20/25		Nevada All-State Trail Riders, Inc.	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Red Rock Rumble Horse Endurance	10/18/25		Nevada All-State Trail Riders, Inc.	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	10/18/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Nevada Day Parade	11/1/25		NV AREA NW DEC	Tom Tobacco KE7NCJ	smokey5880@gmail.com
Scheels Turkey Trot	11/27/25		WC-ARES	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	12/13/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com

ARES continued on following page.....

Hello to all of you, I hope the second month of the new year is treating you well. Washoe ARES has a full event calendar this year. We are excited to continue on a couple new events that started last year. With one new event this year. We will be looking for volunteers to help on all of the 2025 events. Remember you don't have to be an ARES member to help with events. We received a lot of help from SNARS members last year. Thank you to all that supported us. You can obtain a list of events by going to washoeares.org click on the tab of Calendar and Events. There you will see a month by month description of events. If you would like to download and print the quick version of events including the events from other ARES groups or other clubs. That is available on the same page at the top.

Speaking of help, we are still looking for volunteers as a net control operator. To help us out on the Hospital Nets that are on the VHF and the DMR system. This takes place on Fridays starting at 9:00 AM to 9:50 AM on DMR - Nevada Talk Group 3132. Then on the SNARS link system starting at 10:00 AM roughly going to 10:30 AM or earlier. It depends on people checking in. These are very easy Nets to conduct if you are inexperienced and looking for an easy opportunity to get involved and learn on conducting a net. This is a good opportunity for you. We also take those experienced individuals that can help grow and exceed and help net operation. Any help would be appreciated.

An announcement from The Reno Air Racing Association. After a run of 60 years the Reno Air Show will move to Roswell, New Mexico for the 2025 event. Each day in an effort to show appreciation for years of attendance, the sold out crowds were treated to the top aerobatic talent from across North America in the early October show. Oct 14, 2024 The 2025 national championship air races will be in a new exciting place called Roswell. The Reno Air Racing Association chose Roswell as the new location of the event because the Roswell Air Center can house all the planes competing in the races. It has a course with the highest degree of safety, and the area is able to host a large number of fans, 60,000 to 70,000.

If you know anyone looking to take their exam on February 15, 2025 for Technician or General. They can sign up on snars.org website. The location for the ham review and testing are located at the REOC Training Center 5190 Spectrum Blvd, Reno NV. Starting at 8:00 AM - for the Ham Review then 12:00 PM - **Exams begins (approx)**

WC -ARES is looking for three to four people to help on February 15, 2025 for about 4 hours. Reading the correct answer to the students that are preparing to take their technician or general class license. If you can help with any of the hours taking turns on reading the correct answer to these students. Contact John Phillips at phillips@yahoo.com or you can sign up on the homepage of washoeares.org and just click on the icon at the top of the screen.

Can you help the Scouts get on the air? We are looking for volunteers to help get Scouts on the air. This will be on February 22, 2025. We need volunteers to help read the questions to the Scout's. The scouts are going to take their test after the review of the questions. To become Scouts on the air. This Ham Review helps the Scouts become better acquainted with the correct answer to the question. After the review, the Scout will take their exam at the same place on the same day. Contact John Phillips at phillips@yahoo.com or you can sign up on the homepage of washoeares.org and just click on the icon at the top of the home screen.

ARES Training and Meetings are located at the REOC 5195 Spectrum Blvd in Reno on the first Saturday of the month. Starting time at 10:00 AM. Visitors are welcome. That's it from WC-ARES News. I hope all of you have a wonderful and safe February (73)

Arlan Duwayne Robinson (KA7ZAU)

ARES- Washoe County Emergency Coordinator

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WASHOE COUNTY

AMATEUR RADIO



EMERGENCY SERVICE



Serving Washoe County and the Sierra Nevada

FUN STUFF FOR FEBRUARY

They're baaaack...the State QSO parties. 5 of them in Feb, including VT, MN, the British Columbia Province party, SC, and NC. Have a ball! There's also four ARRL or NCJ contests, shown in BOLD. Plus the CQWPX RTTY contest, and the CQ 160M SSB.

1 Feb 0000 to 2 Feb 2359 1.8-28,VHF/ UHF Vermont QSO Party CW Ph Dig www.ranv.org/vtqso.html

1 Feb 0001 to 2 Feb 2359 28 10-10 Int'l Winter Contest, SSB www.ten-ten.org

1 Feb 1400 to 2 Feb 2359 1.8-28 Minnesota QSO Party CW Ph Dig www.w0aa.org/mnqp-rules

1 Feb 1600 to 2 Feb 2359 1.8-28 British Columbia QSO Party CW Ph www.orcadxcc.org

2 Feb 0000 to 2 Feb 0359 3.5-14 North American Sprint, CW www.ncjweb.com/Sprint-Rules.Pdf

8 Feb 0000 to 9 Feb 2359 3.5-28 CQ WW RTTY WPX Contest Dig www.cqwxrtty.com

10 Feb 1300 to 14 Feb 2359 All, no WARC ARRL School Club Roundup CW Ph Dig www.arrl.org/school-club-roundup

15 Feb 0000 to 16 Feb 2359 1.8-28 ARRL International DX Contest, CW www.arrl.org/arrl-dx

15 Feb 0000 to 16 Feb 2359 All, no WARC YLRL YL-OM Contest CW Ph Dig www.ylrl.org

21 Feb 200 to 23 Feb 2200 1.8 CQ 160-Meter Contest, SSB www.cq160.com

22 Feb 1500 to 23 Feb 0159 1.8-28,50 South Carolina QSO Party CW Ph Dig www.scqso.com

22 Feb 1800 to 23 Feb 0559 3.5-28 North American QSO Party, RTTY Dig www.ncjweb.com

23 Feb 1500 to 24 Feb 0100 3.5-28,50,144 North Carolina QSO Party CW Ph Dig www.ncqsoparty.org/rules

If you want to see the full list, go [HERE](#)

DX FOR THIS MONTH

February is hot, with Africa, Oceania, the Indian Ocean, and one of the more remote inhabited islands on earth, St Helena Island! Go get 'em!

Jan 27 to Feb 15	Rwanda	9X2AW
Jan 28 to Feb 20	Mali	TZ1CE
Jan 30 to Feb 08	Nigeria	5N9DTG
Feb 01 to Feb 06	Senegal	9G5IK
Feb 01 to Feb 06	Gambia	C5PL
Feb 02 to Feb 28	Senegal	6W7
Feb 04 to Feb 20	Seychelles	S79

Feb 05 to Feb 18	Cape Verde Is	D44OA
Feb 08 to Feb 15 S	ST. Helena	ZD7KYD
Feb 11 to Feb 18	Cocos Keeling	VK9
Feb 11 to Feb 23	Marshall Is	V73WW
Feb 06 to Feb 14	Togo	5V0DX
Feb 18 to Mar 04	Christmas I	VK9XU
Feb 26 to Mar 06	Maldives	8Q7FL

You might check with: <https://www.ng3k.com/Misc/adxo.html> to see if others have been cancelled or added to the list.

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS WILL BE on Feb 6 and Feb 20, at 11 AM Pacific Standard Time. As always, check with WD7Y@sbcglobal.net to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT:

NAME ,RST, LOCATION, RIG, POWER, ANTENNA.

REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying. Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.
73/72 Ed/WD7Y

NAME THAT RIG (From page 9)

Who knew that Yaesu made a series of transmitters? I didn't. And, they made some matching receivers to go with the transmitters, plus they made the FRG-7, a general coverage receiver. The **FL-50** (actually a FL-50B is shown), but they look very similar but the photo of the FL-50 was just too fuzzy. Anyway, the **FL-50** (and it's **FL-50B** counterpart) were built in 1966. They used 7 tubes, covered SSB, AM, and CW on the 80 thru 10 meter bands (No WARC back then), and featured 50 watts PEP input to a single 6JS6 sweep tube. There was also a crystal provision, although I doubt many people used crystal control, because it required some calculations to figure out the actual crystal frequency required. And the manual was hard to understand on that point. The actual specs were typical of the genre, carrier suppression, spurious emissions, and alternate sideband suppression were -40dB. They made, besides the **FL-50**, they also made the FL-50B, from what I've learned this was a 120V model of the FL-50 (220VAC), the FL-100B, FL-101, and the FLdx-400, models in subsequent years, going up in power to 240W PEP for the FLdx-400. They also made various matching receivers for these models. No indication of the prices though. Yaesu made their last transmitter about 1974. Most all were now transceivers, and a few receivers.

SNARS SILENT KEYS

IN MEMORY OF SNARS MEMBERS WHO RECENTLY PASSED AWAY.

If you know of a SNARS member or friend of SNARS who has passed away recently, submit it to me WB2AWQ@arrl.net or any Board member for verification and inclusion on this page.



Board of Directors Meeting Minutes

January 8, 2025- 6:00PM

Chin Chin and Via Zoom

1. Call to order and roll call at 6:00 PM

Board of Directors:

Barry Bettman, K6ST Z
Anthony Marcin, W7XM Z
Greg Krantz, NT7Q

John Byerly, N7ROJ P
Krystal Nelson, AJ6GC P

Doug Edmondo, W7DBE P
Jim Shepherd, W6US P

Guest(s) In attendance:
Bob Nelson, KA6NSN

2. Approval of Minutes - Discussion/Action

Approve November 2024 and December 2024 Meeting Minutes - Motion by Doug, Second by John, Motion Passes

3. Approval of Agenda - Discussion/Action

Approve Agenda - No changes, Motion by Doug, Second by John, Motion Passes

4. Reports

A. President's Report - Barry discussed the next meeting's presenter being a representative from GeoChron.

B. Secretary Report - Tony reported no new activities and Membership is at 401 members as of the meeting.

C. Treasurer - Doug presented the financials, finished the year 28,060.00 in the bank. Starting to collect annual renewals in January.

D. Technical Team - John reported on the situation at Toulon and will be the sole user on the shared antenna at the site. No longer splitting and or combining the system.

E. Control Operators / Trustee - John discussed that Pat posted there was an issue with Lobdelle possibly and will be taking a look in the next day or two.

F. Events - Ham Swap - Barry reported he called Cabelas and sent a message to the new GM, waiting to hear back. March 28 - 30th - Expo - Discussed the event. More information to be passed along as we get closer to the event.

G. Education & Youth Activities - Barry discussed Kids day, SNARS did not participate this year.

H. SNARS Noon Net and SNARS Digital Net -

1. Barry discussed the net controllers getting together at Black Bear diner, more of a social gathering to get to know each other.
2. The Noon Net is going well.
3. Digital Net - Barry indicated all is going well.
4. Only had 1 check on Christmas, 3 on New Years checking in.

5. Old Business

AV Equipment - John discussed having a static camera for the presenter and one at the crowd and a mixer.

6. New Business

No New Business.

7. Board member and Public Comments

During this time members and board of directors may speak on any topic regardless if the item was agendized.

8. Adjournment - Action

A. Next Meeting: February 12, 2025 at 6:00PM, Location to be Announced

B. Call For Adjournment. - Adjourned at 6:27PM